

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

TI-14657A.2

Robert J. Gove, et al.

Art Unit: 2155

Serial No: 09/875,136

Examiner:

Filed: May 30, 2001

Conf. No.: 8645

For: Reduced Area of Crossbar and Method of Operation

INFORMATION DISCLOSURE STATEMENT

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 Alexandria, VA 22313-1450

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 Robin E. Bamum

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Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed PTO-1449. Copies of the noted references are enclosed herewith.

Since this IDS is being submitted before any Office Action, no fee is due.

Respectfully submitted,



Robert D. Marshall, Jr.  
 Attorney for Applicant  
 Reg. No. 28,527

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PTO/SB/08A (08-00)

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Sheet	1	of	1	Attorney Docket No.	TI-14657A.2
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## Complete If Known

Application Number	
Filing Date	May 30, 2001
First Named Inventor	Robert J. Gove, et al.
Group Art Unit	2155
Examiner Name	

U.S. PATENT DOCUMENTS					
Exam. Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)
		Number	Kind Code <sup>2</sup> (if known)		
	AA				
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## FOREIGN PATENT DOCUMENTS

Exam. Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
	BA							
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	R.J. Clarke, et al.; <i>A Speech Grade Analog/Digital Signal Processor Chip</i> , 1988, Austek Microsystems Pty. Ltd.; pgs. 149-155	
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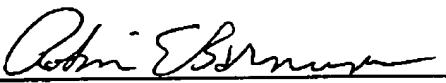
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NAME OF INVENTOR(S):	
Robert J. Gove, et al.	
TITLE OF INVENTION:	
Reduced Area of Crossbar and Method of Operation	
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TI-14657A.2	20-0668
FAXED:	9/9/03
DUE:	---
ATTY/SECY:	RDM/reb
RECEIPT DATE & SERIAL NO.:	
Serial No.: 09/875,136	
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